

Daily Defence Current Affairs

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Indigenous Warship Or Submarine Every 40 Days

- The Indian Navy is adding an indigenous warship or submarine to its fleet approximately every 40 days, according to Chief of Naval Staff Admiral Dinesh K Tripathi. This rapid induction pace highlights India's strong commitment to building sovereign maritime capabilities and advancing the goal of "Atmanirbharta" (self-reliance) in defence.
- Currently operating around 145 ships and submarines, the Navy aims to expand to over 200 warships and submarines by 2035.
- All 52 ships presently on order are being constructed in Indian shipyards, underscoring the push towards full domestic manufacturing. Alongside platform production, the Navy plans to increase indigenous content to the component level to achieve a wholly self-reliant force by 2047.
- India's defence production has more than tripled in the last decade, crossing ₹1.5 lakh crore recently, signalling growing domestic industrial strength that supports naval expansion efforts. The emphasis is moving from 'Make in India' to 'Trust in India' within the defence sector.



India's First 3D-Printed Mobile Drone

- Chennai-based Zuppa and Navi Mumbai-based Divide By Zero (DBZ) have joined forces to unveil India's first 3D-printed Mobile Drone Fabrication Units, marking a major technological milestone under the Aatmanirbhar Bharat vision for indigenous defence innovation.

- The initiative reflects India's growing capability to combine autonomous systems, additive manufacturing, and AI in a deployable battlefield infrastructure concept.
- Using DBZ's industrial-grade additive manufacturing technology, the units can 3D-print airframes and key components, which are then assembled into mission-ready drones through Zuppa's autonomous drone platforms and AI-integrated control systems.
- This innovation aligns India with global trends in distributed, flexible manufacturing for defence applications. The model mirrors recent initiatives by Firestorm Labs in the United States, where deployable production pods have redefined battlefield logistics and drone replenishment strategies.



PM Modi Unveils ₹1 Lakh Crore RDI Mega Fund

- Prime Minister Narendra Modi inaugurated the landmark ₹1 lakh crore Research, Development and Innovation (RDI) Scheme Fund at the Emerging Science, Technology and Innovation Conclave (ESTIC) 2025 in New Delhi.
- The announcement marks one of the most ambitious national investments in scientific research and future technologies ever undertaken by India.
- The RDI Fund aims to transform India into a global powerhouse in sectors such as artificial intelligence, quantum computing, biotechnology, advanced semiconductors, space systems, defence technologies and sustainable energy solutions.
- The three-day ESTIC 2025 conclave has brought together over 3,000 global participants, including Nobel laureates, chief scientists, start-up founders, R&D heads and policy thinkers. The discussions centre on India's innovation roadmap up to 2047, aligning scientific ambition with economic and societal goals.
- The fund will operate through a cluster-based model, supporting both public research institutions and private deeptech enterprises. It will also facilitate joint

projects between universities, laboratories, space agencies and defence technology centres.



Thales to Station Permanent Representative At Ambala Air Base

- French defence major Thales is set to permanently position a company representative at the Indian Air Force's Ambala Air Force Station, home to the first Rafale fighter squadron, to oversee maintenance and technical support for the aircraft's avionics, radar systems, and onboard sensors.
- The move formalises Thales' long-term maintenance commitment under India's Rafale sustainment and performance-based logistics framework.
- This development signifies an important step in ensuring uninterrupted operational availability of India's Rafale fleet, while also reflecting the aircraft's high dependency on proprietary French electronic systems such as the RBE2 AESA radar, SPECTRA electronic warfare suite, and advanced communication and sensor packages supplied by Thales.
- Strategically, Thales' sustained presence can advance India's exposure to next-generation sensor maintenance protocols, potentially aiding Indian industry partners like BEL and DRDO in co-developing future radar technologies for AMCA and TEJAS derivatives.



India, Israel Ink Major Defence Pact

- India and Israel on Tuesday signed a defence pact that will facilitate sharing of advanced technologies and promote co-development and co-production of key

weapon systems and military hardware, in a major move to further bolster their already robust strategic ties.

- The Memorandum of Understanding (MoU) was signed in Tel Aviv following a meeting of India-Israel joint working group (JWG) on defence cooperation.
- The MoU on defence cooperation was signed to provide a "unified vision and policy direction to deepen the already strong defence cooperation between the two countries," the defence ministry said.
- "Important fields include strategic dialogues of mutual interest, training, defence industrial cooperation, and capabilities including science and technology, research and development and technological innovation, artificial intelligence and cyber security cooperation," the ministry said in a readout.
- "The MoU will enable the sharing of advanced technology and would promote co-development and co-production," it said.
- The JWG reviewed the ongoing defence cooperation initiatives and agreed that both the nations have benefited from each other's strengths, the ministry said.



REVIEW QUESTIONS

1. According to Admiral Dinesh K. Tripathi, how often is the Indian Navy inducting an indigenous warship or submarine?
 - A. Every 20 days
 - B. Every 40 days
 - C. Every 60 days
 - D. Every 90 days

ANSWER: B

2. Which two companies developed India's first 3D printed Mobile Drone Fabrication Units?

- A. BEL and HAL
- B. DRDO and ISRO
- C. Zuppa and Divide By Zero (DBZ)
- D. L&T and BDL

ANSWER: C

3. The ₹1 Lakh Crore RDI Fund aims to boost India's leadership in which of the following sectors?

- A. Textile and Agriculture
- B. Space, AI, Quantum Computing, and Defence
- C. Tourism and Cultural Heritage
- D. Oil and Gas Industries

ANSWER: B

4. Thales' permanent representative at Ambala Air Base will support which aircraft?

- A. Mirage-2000
- B. Tejas Mk1
- C. Rafale
- D. Jaguar

ANSWER: C

5. The defence pact between India and Israel focuses primarily on:

- A. Cultural exchange and tourism
- B. Advanced defence technology sharing and co-production
- C. Maritime trade and shipping routes
- D. Educational scholarships for defence students

ANSWER: B

6. Which class of Anti-Submarine Warfare (ASW) ships is being built by Cochin Shipyard Limited?

- A. Kolkata-class
- B. Kamorta-class
- C. Mahe-class
- D. Vishakhapatnam-class

ANSWER: C

7. Which state's tableau won first place in the Popular Choice Category in the Republic Day Parade 2025?

- A. Uttar Pradesh
- B. Tripura
- C. Gujarat
- D. Uttarakhand

ANSWER: C

8. Which Ministry's tableau won the Best Tableau award from Central Ministries/Departments in the Popular Choice Category?

- A. Ministry of Defence
- B. Ministry of Tribal Affairs
- C. Ministry of Women & Child Development
- D. Ministry of External Affairs

ANSWER: C

9. Op Ajay Launched By Bharat To Rescue People From

- A. USA
- B. Israel
- C. UK
- D. Iran

ANSWER: B

10. Infantry Day Is Always Observed On

- A. 26 Oct
- B. 27 Oct
- C. 28 Oct
- D. 29 Oct

ANSWER: B

11. PBG The Oldest Regiment In The Indian Army, Having Been Raised In

- A. 1773
- B. 1774
- C. 1779
- D. None of the above

ANSWER: A

12. INSAS Rifle Manufactured By

- A. ARDE
- B. HAL
- C. IAI
- D. ISRO

ANSWER: A

13. ISRO Hq Is In

- A. Mumbai
- B. Kochi
- C. Chennai
- D. Bangalore

ANSWER: D

14. Brahmos Is A

- A. Hypersonic Cruise Missile
- B. Supersonic Cruise Missile
- C. Subsonic Cruise Missile
- D. Ballistic Missile

ANSWER: B

15. Where Is The Hq Of The Central Command of The Indian Army?

- A. Kochi
- B. Vishakhapatnam
- C. Pune
- D. Lucknow

ANSWER: D

16. "The Broken Earth" Book Written By

- A. Shashi Tharoor
- B. N.K. Jemisin
- C. Hew Strachan
- D. Philip Pullman

ANSWER: B

17. What Is The Capital Of Nigeria?

- A. Oslo

- B. Abuja
- C. Cape Town
- D. Warsaw

ANSWER: B

18. Ex 'Ajeya Warrior' conducted b/w India &

- A. Qatar
- B. Oman
- C. UAE
- D. UK

ANSWER: D

19. Operation Ganga Was Conducted By IAF In

- A. UK
- B. USA
- C. Ukraine
- D. Afghanistan

ANSWER: C

20. Where Is The Hq Of The Eastern Command of The IAF?

- A. Kochi
- B. Vishakhapatnam
- C. Shillong
- D. Mumbai

ANSWER: C